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CATALOGUE

OF

CUMBERLAND UNIVERSITY,

LEBANON, TENN.

1878-9.

LEBANON, TENN.:
R. L. C. WHITE & CO., UNIVERSITY PRINTERS.
1879.

TRUSTEES.

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UNIVERSITY FACULTY.

NATHAN GREEN, LL.D.,
Chancellor, and Professor of Law.

RICHARD BEARD, D.D.,
Ewing Professor of Systematic Theology.

HON. ROBERT L. CARUTHERS,
Professor of Law.

ANDREW B. MARTIN,
Professor of Law.

A. H. BUCHANAN, A.M.,
Professor of Mathematics and Civil Engineering.

W. D. McLAUGHLIN, A.M.,
Professor of Latin and Greek.

JOHN I. D. HINDS, A.M.,
Professor of Chemistry and Natural Science.

Murdock Professor of Church History.

S. G. BURNEY, D.D.,
Professor of Biblical Literature.

R. V. FOSTER, A.M.,
Professor of Belles Lettres, Hebrew and Greek.

Adjunct Professor of Belles Lettres.

W. J. GRANNIS, A.M.,
Principal of the Preparatory School.

HERBERT W. GRANNIS, A.M.,
Professor in the Preparatory School.

A. J. BAIRD, D.D.,
Lecturer on Pastoral Work.

J. BERRIEN LINDSLEY, D.D.,
Lecturer on Recent Church History.

J. R. BROWN, D.D.,
Lecturer on Missions.

CATALOGUE OF STUDENTS.

Abbreviations—Sen., Senior Class; Jun., Junior Class; Soph., Sophomore Class; Fresh., Freshman Class; Theo., Theology; Prep., Preparatory School; M., Students preparing for the Ministry.

Alexander, Charles Miller	Marrow Bone, Ky.	Sen.
Ashworth, Walter	Lebanon, Tenn.	Fresh.
77 Baker, Evarard Green	Raymond, Miss.	Law.
79 Barnwell, Robert Bruce	Lexington, Tenn.	Law.
79 Baynes, Albert Sidney	Brownsville, Tenn.	Law.
Beckwith, Charles	Lebanon, Tenn.	Law.
Biddle, Arthur Colyar	Nashville, Tenn.	Theo.
Binkley, Richard Wilson	Charlotte, Tenn.	Soph., M.
Bomar, David Terry, Jr.,	Paris, Tenn.	Prep.
Bond, Lewis Robert	Lebanon, Tenn.	Theo.
79 Bosworth, Thomas Lyle	Mobile, Ala.	Law.
Braly, Samuel Hiram	Centre, Texas.	Prep., M.
Bryan, James Waters	Shop Spring, Tenn.	Fresh.
Bryan, Everett Shelah	Shop Spring, Tenn.	Prep.
Buchanan, James Cyrus	Lebanon, Tenn.	Sen.
Buchanan, Andrew Blake	Lebanon, Tenn.	Sen.
Buchanan, Isaac Wm. Pleasant	Lebanon, Tenn.	Prep.
79 Buchman, Harry Holland	Jacksonville, Fla.	Law.
Carver, Herman	Mt. Juliet, Tenn.	Prep.
Castleman, Jefferson Liston	Lebanon, Tenn.	Prep.
Chambers, James	Lebanon, Tenn.	Prep.
Chandler, Lee	Lebanon, Tenn.	Prep.
Chesnut, Samuel David	Trenton, Ky.	Sen.
Callens, J. L.	Savannah, Tenn.	Law.
Clagett, Thomas John	Shawnee Mound, Mo.	Theo.
Clark, Newton Bradshaw	Coryell, Texas.	M., Prep.
79 Clarke, James W.	Liberty, Tenn.	Law.
Cook, William Carroll	Silver Spring, Tenn.	Prep.
Crouch, John T.	Franklin, Ky.	Law.
Darnall, Henry	Lebanon, Tenn.	Prep.
Darnall, William	Lebanon, Tenn.	Prep.
Dodson, Stonewall Jackson	Silver Spring, Tenn.	Prep.
Donnell, William McMurray	Lebanon, Tenn.	Prep.

79	Downer, James Waller	Fairview, Ky.	Law.
	Downer, John Pendleton	Fairview, Ky.	Jun.
	Dozier, William	Nashville, Tenn.	Prep.
	Dozier, Edwin Thomas	Nashville, Tenn.	Prep., Fresh.
	Driffoos, Harry Manly	Lebanon, Tenn.	Soph.
79	Dupree, John Crosby	Cold Spring, Texas.	Law.
	Duvall, James William	Curryville, Mo.	Theo.
	Fakes, Marcus G.	Lebanon, Tenn.	Prep.
	Fitzgerald, Joshua Willard	Brownsville, Tenn.	Theo.
	Flemming, James	Guy's Store, Texas.	Fresh.
79	Foster, Benjamin Smith	Lebanon, Tenn.	Law.
	Fullerton, Baxter Ptolemy	Pleasant Hope, Mo.	Theo.
	Galloway, Martin Luther	Hurricane Switch, Tenn.	Theo.
	Gaston, David Finis	Boiling Springs, Ala.	Fresh.
	Gause, Montell	Lebanon, Tenn.	Prep.
	Gill, James Rice	Olmstead, Ky.	Jun., Law.
79	Gracey, Edward Austin	Sparta, Tenn.	Law.
	Grannis, Henry Norvell	Lebanon, Tenn.	Prep.
79	Hargrove, John Early	Mobile, Ala.	Law.
79	Harpole, Andrew Jackson	Union City, Tenn.	Law.
79	Henry, Robert William	Hopkinsville, Ky.	Law.
	Hill, William Robert	Lebanon, Tenn.	Prep.
	Hill, Robert	Lebanon, Tenn.	Prep.
79	Hinton, John Henry	Bowling Green, Ky.	Law.
79	Horton, Joseph W. Jr.,	Nashville, Tenn.	Law.
	Hunt, Amos Donnell	Lebanon, Tenn.	Prep.
	Hunter, James E.	Waco, Texas.	Law.
	Hutton, Josiah Lawson	Shelbyville, Tenn.	Law.
79	Huff, Robert E.	Bell Buckle, Tenn.	Law.
79	Jagoe, Lockard Corwin	Sacramento, Ky.	Law.
79	Jenkins, Thomas Andrew	Union City, Tenn.	Law.
	Johnson, Tilman Davis	Jordan's Valley, Tenn.	Jun.
	Johnson, Georgia Hudson	Allensville, Ky.	Sen.
	Johnson, Vertuer Repse	Allensville, Ky.	Soph.
79	Johnston, Daniel Boisseau	Newbern, Tenn.	Law.
	Kernodle, Thomas Bradford	Purdy, Tenn.	M., Sen.
	Kerr, David Gorden	Merced City, Cal.	Prep., Fresh.
	Kirkpatrick, Currie	Lebanon, Tenn.	Prep.
	Landis, Abb Lowe	Shelbyville, Tenn.	Law.
	Lane, Hugh Campbell	Cottage Grove, Tenn.	Fresh.
79	Latimore, Thomas Calloway	Four Mile Branch, Tenn.	Law.
	Lester, Henry Dillon	Lebanon, Tenn.	Prep.
	Lindsley, John Trimble	Nashville, Tenn.	Engineering.
	Logan, Benjamin Franklin	Logan, Mo.	Theo.
	Lloyd, John Thompson	Burksville, Ky.	M., Sen.
	Long, Curtis Edward	Russellville, Ky.	M., Sen.
	Lowe, Melzar	Loudon, Tenn.	Theo.
	Mahathey, John	Lebanon, Tenn.	Prep.

	Martin, Joseph	Lebanon, Tenn.	Prep.
	McClain, Porter Samuel	Lebanon, Tenn.	Prep.
	McDonald, James Francis	Laurel Hill, Miss.	M., Soph.
	McDonnold, Reed Lansdon	Lebanon, Tenn.	Prep.
	McFarland, Wilson Yandell	Belton, Texas.	Se 4.
	McGregor, John	Lebanon, Tenn.	Law.
	McGregor, Paul Britton	Lebanon, Tenn.	Prep.
	McKee, Jordan Stokes	Shop Spring, Tenn.	Fresh.
79	McNeille, William Robb	Charlotte, Tenn.	Law.
	Moore, James William	Mt. Vernon, Mo.	M., Prep.
79	New, Charles B.	Woodbury, Tenn.	Law.
	Norman, Thomas Julian	Lebanon, Tenn.	Prep.
	Nunn, Nathaniel Green	Sidney, Ark.	M., Soph.
	Orr, Zachary Taylor	Fancy Farm, Ky.	Theo.
79	Overall, John Wesley	Liberty, Tenn.	Law.
	Parker, Daniel Gilbert	Dyersburg, Tenn.	Soph.
	Parker, John Neil	Dyersburg, Tenn.	Soph.
	Parks, Robert Calhoun	Vinita, C. N., Ind. Ter.	M., Sen.
	Paty, Robert	Lebanon, Tenn.	Prep.
79	Pepper, Henry Clay	Powder Mills, Ky.	Law.
	Pepper, William Wesley	Springfield, Tenn.	Prep., Fresh.
	Perry, John Ringgold	Maury City, Tenn.	Law.
	Philpot, Thomas S.	Lebanon, Tenn.	Fresh.
79	Porter, Nat. A., Jr.,	Auburn, Ky.	Law.
79	Powel, Charles Ernest	Rogersville, Tenn.	Law.
79	Powel, Samuel Franklin	Hernando, Miss.	Law.
	Prater, William Warren	Lenoir's, Tenn.	Sen.
79	Randell, Artemus Coleman	Acworth, Ga.	Law.
	Reed, Erskine	Nashville, Tenn.	M., Soph.
	Reed, Robert Thomas	Lebanon, Tenn.	M., Prep.
	Rogers, James S.	Waverly, Tenn.	Prep.
	Russell, Ebenezer De Witt	Lebanon, Tenn.	Prep., Fresh.
	Sanders, Robert Henderson	Louisville, Miss.	M., Soph.
	Shannon, John Houston	Lebanon, Tenn.	Prep.
	Steed, Andrew Jackson	Lebanon, Tenn.	Prep.
	Steele, Isaac Donnell	Corinth, Miss.	Theo.
	Stone, Jonathan Wood	Mansfield, Texas.	Theo.
	Stokes, Walter	Lebanon, Tenn.	Fresh.
	Stratton, Samuel	Lebanon, Tenn.	Prep.
	Tatum, George Donnell	Woodbury, Tenn.	Law.
	Terrell, William Higgins	Macon, Miss.	Theo., Sen.
	Thomson, William Wesley	Princeton, Ala.	Theo.
	Tiller, Mason	Lebanon, Tenn.	Sen.
	Tracy, James Thomas	Watertown, Tenn.	Fresh.
79	Trent, William Leftridge	Strawberry Plains, Tenn.	Law.
	Trice, William	Lebanon, Tenn.	Prep.
	Van Horn, George Washington	Calhoun, Ky.	Sen., M.
	Warren, James Benjamin	Lebanon, Tenn.	Prep.

Walker, William Jasper	Plevna, Ala.	Theo.
Waters, Charles Clarence	Watertown, Tenn.	Prep.
Watson, Benjamin Tarlton	Clarksville, Tenn.	Theo.
Watson, William	Lebanon, Tenn.	Prep.
29 Wells, John Edward	Palestine, Tenn.	Law.
79 West, Pleasant David	Muloy's, Tenn.	Law.
Westbrook, Charles W.	Tucker's Gap, Tenn.	Sen.
79 Williams, Robert T., Jr.,	Boonville, Miss.	Law.
79 Williams, Henry Clay	Boonville, Miss.	Law.
Williamson, George	Green Hill, Tenn.	Soph.
Williamson, Pascal	Lebanon, Tenn.	Prep.
Winsett, Thomas Henry	Paris, Tenn.	Prep.
Woodworth, Frank Hilbert	Lebanon, Tenn.	Prep.
Woollard, John	Lebanon, Tenn.	Prep., Fresh.
Woollard, Robert	Lebanon, Tenn.	Prep.
Young, Edgar	Lebanon, Tenn.	Prep.
Zarecor, James Herschel	Elkton, Ky.	Sen.

GENERAL SUMMARY.

Law Students.....	43
Freshmen	13
Sophomores.....	10
Juniors	4
Seniors	16
Theological Students.....	16
Preparing for the Ministry.....	28
Engineering	1
Preparatory School	50
Total	181
Counted twice.....	35
Net total.....	146

DEGREES CONFERRED.

BACHELOR OF LAWS—LL.B.

Baker, E. G.	June.	Harpole, A. J.	June.	Overall, J. W.	June.
Barnwell, R. B.	"	Henry, R. W.	"	Pepper, H. C.	"
Baynes, A. S.	"	Hinton, J. H.	"	Porter, Nat. A. Jr.	Jan. ✓
Buchman, H. H.	"	Horton, J. W. Jr.	Jan. ✓	Powel, C. E.	June.
Bosworth, T. L.	"	Huff, R. E.	" ✓	Powel, S. F.	"

Clarke, J. W.	Jan.	Jagoe, L. C.	June.	Randell, A. C.	June.
Downer, J. W.	June.	Jenkins, T. A.	"	Trent, W. L.	"
Dupree, J. C.	"	Johnston, D. B.	"	Williams, R. T., Jr.	Jan.
Foster, B. S.	"	Latimore, T. C.	"	Williams, H. C.	"
Gracey, E. A.	"	McNeille, W. R.	"	Wells, J. E.	June.
Hargrove, J. E.	"	New, C. B.	Jan.	West, P. D.	"
Total					33

BACHELOR OF ARTS—A.B.

Alexander, C. M.	Lloyd, J. T.	Prater, W. W.
Buchanan, J. C.	Long, C. E.	Van Horn, Geo. W.
Buchanan, A. B.	Parks, R. C.	Zarecor, J. H.
Kernodle, T. B.		
Total		10

BACHELOR OF SCIENCE—B.S.

Johnson, G. H.	McFarland, W. Y.	Westbrook, C. W.
Total		3

BACHELOR OF THEOLOGY—B.T.

Bond, L. R.	Lowe, M.	Terrell, W. H.
Claggett, T. J.	Stone, J. W.	Watson, B. T.
Fullerton, B. T.		
Total		7

MASTER OF ARTS—A.M.

Grannis, Herbert W.

DOCTOR OF DIVINITY—D.D.

Rev. D. E. Bushnell, San Jose, Cal. (Conferred June, 1878.)

SUMMARY OF DEGREES.

Bachelor of Laws.....	33
Bachelor of Arts.....	10
Bachelor of Science.....	3
Bachelor of Theology.....	7
Master of Arts.....	1
Doctor of Divinity.....	1
Total.....	55

PREPARATORY SCHOOL.

TEACHERS.

W. J. GRANNIS, Principal.

HERBERT W. GRANNIS, Assistant.

COURSE OF STUDY.

Primary—Tuition \$10.00 per term—First Year.

Worcester's Speller; Readers No. 1 and 2—Wilson; First Lessons **Mental Arithmetic**; First Lessons **Geography**.

Primary—Tuition \$12.00 per term—Second Year.

Third Reader—Wilson; **Mental Arithmetic**; Worcester's Speller; **Penmanship**—Spencerian; **Geography**; **Written Arithmetic**.

First year—English. Tuition \$15.00 per term.

First Term.—Fifth Reader—McGuffey; **Geography**—Monteith; **Mental Arithmetic**; **Written Arithmetic**—Ray; **Language Lessons**—Swinton; **Penmanship**—Spencerian; Worcester's Speller.

Second Term.—U. S. History; **Written Arithmetic**; **Analysis**—Greene; **Penmanship**—Spencer; Worcester's Speller; **Geography**—Monteith.

Second year—Classical. Tuition \$18.00 per term.

First Term.—Latin Grammar—Andrews and Stoddard; **Ancient Geography**—Mitchell; **English Grammar**; Latin Reader—Andrews; **Book Keeping**—Mayhew.

Second Term.—Latin Reader—continued; **Greek Grammar**—Crosby; **Physiology**—Cutter; **Astronomy**—Lockyer; **Higher Arithmetic**—Davies.

Third year. Tuition \$20.00 per term.

First Term.—Cæsar; **Greek Lessons**—Crosby; **Algebra**—Olney; **Physical Geography**.

Second Term.—Virgil—Searing; Xenophon's Anabasis; **Natural Philosophy**—Avery; **Algebra**—Olney.

Vocal music taught without extra charge.

A contingent fee of five dollars is charged in the Classical Preparatory, three in the English Preparatory, and two in the Primary.

ACADEMIC SCHOOL.

FACULTY.

NATHAN GREEN, LL.D., Chancellor.

A. H. BUCHANAN, Mathematics.

W. D. McLAUGHLIN, Latin and Greek.

J. I. D. HINDS, Natural Science and Chemistry.

R. V. FOSTER, Belles Lettres, Mental and Moral Science.

ADMISSION.

Candidates for admission to the Freshman Class must be prepared for examination in the following text-books and subjects, or their equivalents:

Latin Grammar—Andrews and Stoddard, Harkness, or Allen and Greenough; Cæsar, three books; Virgil, three books; Greek Grammar—Crosby, Hadley or Goodwin; Greek Lessons—Crosby; Xenophon's Anabasis, one book; Ancient Geography; Arithmetic; Elementary Algebra; English Grammar; Modern Geography.

Candidates for admission to either of the higher classes must be prepared for examination upon the course of study for all the lower classes.

COURSES OF STUDY.

I. For the Degree of Bachelor of Arts.

Freshman Year.

First Term.—Sallust; Homer's Iliad; Algebra, parts I. and II.—Olney; Rhetoric, with written analyses; German Grammar.

Second Term.—Cicero's Orations; Herodotus; Geometry—Chauvenet; English Grammar—Fowler; German Literature.

Sophomore Year.

First Term.—Horace, Odes and Ars Poetica; Demosthenes de Corona; Surveying—Davies; Trigonometry—Chauvenet; Blair's Rhetoric, with written analyses; Declamation; French Grammar.

Second Term.—Horace, Odes and Satires; Rudens of Plautus; Xenophon's Memorabilia; General Geometry and Differential Calculus—Olney; English Literature; Logic—Jevons; Declamation; French Literature.

Junior Year.

First Term.—Livy; Cyropædia; General Geometry and Integral Calculus—Olney; Geometry of three dimensions—Lectures; Higher Algebra, part III.—Olney; Chemistry—Barker; Moral Science, with written analyses.

Second Term.—Tacitus, Agricola and Annals; Alcestis of Euripides; Prometheus of Æschylus; Mechanics, Hydrostatics and Pneumatics—Deschanel; Heat—Deschanel; Organic Chemistry—Watts, Lectures; Mineralogy—Collins; Botany—Wood; Political Economy.

Senior Year.

First Term.—Quintilian; Antigone of Sophocles; Electricity—Deschanel; Acoustics and Optics—Deschanel; Zoology—Nicholson; Anatomy, Human and Comparative; Lectures on Biology; Mental Science; Original addresses monthly.

Second Term.—Cicero de Officiis; Gorgias of Plato; Astronomy, with the calculation of Eclipses—Norton; Geology—Dana; Lectures on Cosmogony and the various Scientific Theories of the day; Evidences of Christianity; International Law and Constitution of the United States; Original addresses monthly.

Andrews and Stoddard's Latin Grammar, Andrews's Latin Exercises, Crosby's Greek Grammar, Grecian and Roman Antiquities, Histories and Boise's Greek Syntax, throughout the course.

II. For the Degree of Bachelor of Science.

Freshman Year.

First Term.—Sallust; Livy; Algebra, parts I. and II.—Olney; Rhetoric, with written analyses; German.

Second Term.—Cicero's Orations; Tacitus; Geometry—Chauvenet; English Grammar—Fowler; German.

Junior Year.

First Term.—Horace, Odes and Ars Poetica; Chemistry—Barker; Surveying—Davies; Trigonometry—Chauvenet; Moral Science, with written analyses; French.

Second Term.—Horace, Odes and Satires; Rudens of Plautus; Mineralogy; Botany—Wood; Organic Chemistry—Lectures; General Geometry and Differential Calculus—Olney; Political Economy; French.

Senior Year.

First Term.—Quintilian; Electricity—Deschanel; Acoustics and Optics—Deschanel; Zoology—Nicholson; Anatomy, Human and Comparative; Lectures on Biology; Mental Science; Original addresses monthly.

Second Term.—Cicero de Officiis; Astronomy, with the Calculation of Eclipses—Norton; Geology—Dana; Lectures on Cosmogony and the various Scientific Theories of the day; Evidences of Christianity; International Law and Constitution of the United States; Original addresses monthly.

III. For the Degree of Civil Engineering.

Freshman Year.

First Term.—Algebra, parts I. and II.—Olney; Rhetoric, with written anal-

yses; Warren's Plane Projection Drawing; Church's Descriptive Geometry; French and German, optional; Moral Science, with written analyses.

Second Term.—Geometry—Chauvenet; English Grammar—Fowler; Road Engineering—Vose;* Church's Shades, Shadows and Perspective;* French and German, optional; Political Economy.

Junior Year.

First Term.—Surveying—Davies; Plane and Spherical Trigonometry—Chauvenet; Chemistry—Barker; Gillespie's Surveying;* Henck's Field Engineering;* Machines—Auchincloss.*

Second Term.—General Geometry and Differential Calculus—Olney; Mineralogy; Botany—Wood; Higher Surveying and Leveling—Gillespie;* Cox's Weisbach's Mechanics;* Rankine's Civil Engineering.*

Senior Year.

First Term.—General Geometry and Integral Calculus—Olney; Higher Algebra, part III.—Olney; Electricity—Deschanel; Acoustics and Optics—Deschanel; Zoology—Nicholson; Rankine's Civil Engineering.*

Second Term.—Astronomy, with calculations of Eclipses—Norton; Geology—Dana; Evidences of Christianity; International Law and Constitution of the United States; Theory of Strains in Girders—Stoney and Merrill;* Bridge Construction, with Working Drawings and Lectures.

Drawing—Topographical, Geometrical, Mechanical, Isometrical and Architectural, with Shading and Tinting, throughout the course.

Field Work—Adjustment and use of Surveying Instruments, and extensive practice in Sketching Topography.

Students recite International and Constitutional Law in the Law Department, with the Junior Law Class, to the Chancellor of the University.

IV. Course of Analytical Chemistry.

This will include Theoretical Chemistry, Qualitative and Quantitative Analysis, Blowpipe Analysis, Determination of Minerals, Volumetric and Organic Analysis and Assaying.

V. Course of Practical Astronomy.

This course embraces the various methods of observing for Time, Latitude and Longitude, and the methods of calculating these from observed data, together with the computation of Eclipses, Occultations, etc.

Text Books—Chauvenet's Spherical and Practical Astronomy, and Astronomical Professional Papers of the United States Coast Survey.

VI. Course of Higher Practical Surveying.

In this are taught all the methods of observation and computation employed in Geodetic work, as it is now conducted in the admirable system of the United States Coast Survey.

Text Books—Professional and Scientific papers of the United States Coast Survey, in addition to those on this subject in the Engineering course.

Students on the last two courses will be under the direction of Prof. A. H. Buchanan. They may pursue these studies during nine months of the collegiate year and spend the three months of vacation in actual field-work.

*Recited in the afternoon.

Prof. Buchanan is in charge of the Geodetic Survey of Tennessee, under the direction of the United States Coast Survey, and spends the time not required for his college duties, in this work. The instruments are furnished to him by the government, and are the best to be had, and the work done is the most accurate possible. Through the courtesy of the Superintendent of the Coast Survey, Prof. Buchanan is permitted to use these instruments in his class instruction. These unusual facilities are afforded students in this line for observing the practical operations of Astronomy and Geodesy.

The Tennessee Base Line, from which the triangulation of the State is to be made, is situated at Lebanon. Prof. Buchanan measured it during the summer of 1877, determined its Azimuth, and the latitude of North-Base, in 1878, and is now proceeding with the Primary Triangulation.

DEGREES.

The degree of Bachelor of Arts—A. B.—is conferred upon students who complete the I. course.

The degree of Bachelor of Science—B. S.—is conferred upon students who complete the II. course.

The degree of Civil Engineer—C. E.—is conferred upon students who complete the III. course.

No student can receive any one of the above degrees whose average grading for the Senior year falls below 8.

Various select courses may be pursued, for which, however, no degrees are conferred.

POST GRADUATE COURSES.

Master of Arts—A. M.

Mental Philosophy—Hamilton, Kant, Reid, Porter, Aristotle. Logic—Hamilton, Aristotle. Ethics—the Bible, Seneca, Jouffroy. Evidences of Christianity—Lardner, Chalmers, Butler. Two of the authors on each of the above subjects required. Mathematics—Descriptive Geometry, Howison's Analytic Geometry, Calculus (Diff., Int., and variations), Analytic Mechanics (Peirce or Bartlett), Astronomy (Bartlett). Natural Science—proficiency in any branch. Classics—Eclogues, Georgics, Ars Poetica, Oration of Milo, Isocrates, Livy, Philology, or one modern language mastered.

Graduates of this or any other reputable University or College in any one of the three courses—Classical, Scientific or Civil Engineering—who shall have pursued the above course systematically for two years, or who have pursued liberal or professional studies regularly for three years, as students of Law, Theology or Medicine, or who have devoted themselves for that length of time to scientific or literary pursuits, as editors, authors or teachers of the higher branches of learning, will be received as candidates for this degree.

Candidates must sustain written examinations upon the studies required, and submit theses upon such subjects as the Faculty may select, before they will be advanced to the degree of Master of Arts.

Doctor of Philosophy—Ph.D.

The candidate for this degree must be a graduate of some institution of learn-

ing, or must have received a degree in some one of the learned professions. In addition to this he will be required to pursue thoroughly one of the courses given below, to satisfy the Faculty on examination that he has made special proficiency therein, and to present an approved dissertation showing original research. A good knowledge of Greek, Latin, German and French will be required in all cases, unless, for satisfactory reasons, the candidate be excused by the Faculty.

I. Letters.

English, Latin, Greek, German and French languages—their philological relations to one another and to the Indo-European family in general. Metaphysics, with its general history, Scottish Philosophy, Ethics, Politics, including Theory of Government, Constitutional Law, Principles of Law and International Law.

II. Physics.

Mechanics, Analytic and Synthetic; Quaternions; Geometry, Descriptive and Analytic; Calculus; Shades, Shadows and Perspective; Mechanical Drawing; Surveying, with use of instruments; Astronomy, Theoretical and Practical, with use of instruments; Geodesy; Meteorology; Sound; Heat; Light; Electricity.

III. Chemistry.

Chemistry—Inorganic, Organic, Physiological and Agricultural; Qualitative and Quantitative Analysis; Blowpipe Analysis; Metallurgy; Assaying; Chemical Technology; Spectroscopy; Drawing.

IV. Natural History and Botany.

Biology; Zoology, recent and fossil; Human and Comparative Anatomy and Physiology; Histology; Botany, recent and fossil; Microscopy, Microscopic animals and plants; Chemical Physiology.

V. Geology and Mineralogy.

Geology—Lithological, Cosmical, Physiographic, Historic and Dynamic; Economic Geology; Palæontology; Mineralogy; Crystallography; Chemistry of Minerals; Blowpipe Analysis of Minerals; Metallurgy; Drawing and Sketching.

The fee for the Degrees of A. M. and Ph.D., each, is \$30.00.

EXPENSES FOR SESSION OF TWENTY WEEKS.

Preparatory School, see page 10.

Classical and Scientific, Freshman and Sophomore,.....	\$20.00
Classical and Scientific, Junior and Senior,.....	25.00
Engineering, Freshman and Sophomore,.....	35.00
Engineering, Junior and Senior,.....	40.00
Contingent fee for all students,.....	5.00
Laboratory fee for Junior and Senior,.....	2.00
Practical Astronomy and Higher Surveying, each.....	50.00
Analytic Chemistry,.....	50.00
Boarding with private families (\$3.50 per week).....	70.00
Boarding in clubs, about.....	40.00

It is thus seen that the total necessary expense of Academic students, exclus-

ive of books, clothing and washing, need not exceed \$100 per term of twenty weeks, and may be reduced to \$70, if the student boards in a club.

Students entering within three weeks of the opening are charged for the full term.

Candidates for the ministry are exempt from the Tuition, but are required to pay all other, fees.

If they shall ever voluntarily abandon the ministry, or shall not connect themselves with some department of church work, they will be required to remit to the Treasurer the full amount of tuition fees, according to the regular charges.

No student will be permitted to recite before matriculating, unless he has made previous arrangement with the Faculty.

AGENT.

Rev. J. D. Kirkpatrick is the agent of the Board for securing endowments and contributions. He is actively engaged in his work, and from his report to the General Assembly, it will be seen that the University is now in a better financial condition than it has ever been before. The following is taken from his report :

Productive endowment, Theological School	\$21,600
Productive endowment, Academic School,.....	15,180—36,780
Endowment not yet productive (Academic),.....	39,500
Prospective endowment, legacies to be paid at the death of the testator,.....	60,000
Total endowment,.....	<u>\$136,280</u>

SUGGESTIONS TO OUR PATRONS.

If possible, every student should enter the institution the first day of each Term. Minors should never be left to select their boarding house or course of studies, nor should they ever be allowed to open accounts in the stores. The general course of study has great advantages over all special courses.

LIBRARY AND READING ROOM.

The University Library contains nearly 7,000 volumes. It is open every day except Sunday. Considerable addition has been made to the Library since our last Catalogue.

PICTURE GALLERY.

Connected with the Library is a Picture Gallery, containing the portraits of former officers of the University, its distinguished patrons and graduates of all the departments. It is here earnestly requested of each alumnus that he forward to the Librarian, as soon as convenient, his photograph with his autograph attached, and the date of his graduation.

CABINET OF MINERALS AND FOSSILS.

This includes many fine specimens, and additions are constantly being made. The friends of the University will confer a great favor by sending to the Professor of Natural Science anything of this kind that they can secure.

The Philosophical and Chemical apparatus is amply sufficient for the full illustration of the course.

LITERARY SOCIETIES.

There are three Literary Societies in the University, all in active operation.

GRADING.

The parent or guardian of each student is furnished with a monthly statement of the standing of his son or ward, signed by the Chancellor of the University. The grading card also shows the number of times the student is present and absent, and present without preparation, during the month. The number of daily recitations required of each student is three, while many have four.

PRIZE.

The Edward M. Neal Prize is awarded to the best declaimer of the Preparatory School.

COLLEGE CODE.

The laws of the University are rigidly enforced, and all embraced in the motto, "Semper præsens, semper paratus."

ROUTES TO LEBANON.

A daily train from Nashville gives easy connection with all railroads. Several stage lines run from interior towns to Lebanon.

The next term begins September 1, 1879.

LAW SCHOOL.

PROFESSORS.

ROBERT L. CARUTHERS.

NATHAN GREEN.

ANDREW B. MARTIN.

JUNIOR CLASS.

Caruthers's History of a Law Suit, Stephen's Pleading, Kent's Commentaries,
*Greenleaf's Evidence, first volume.

SENIOR CLASS.

Barton's Suit in Equity, Story's Equity Jurisprudence, Bishop's Criminal Law,
Parsons on Contracts.

This course may be completed in ten months. Students may begin in September or January. It is believed that every subject likely to be encountered in practice will be found treated in the course. As only ten months are required, students will be expected to enter promptly at the beginning of each term.

Those who read the Junior course privately and apply for admission to the Senior Class, with a view to graduation, will be subjected to a rigid examination. If it is approved by the Faculty, the candidates will take their places in the Senior class on the same footing as other members. It is most earnestly urged, however, upon all who possibly can, that they enter the Junior class. Failing to do so, they miss much of the practice and drilling in elements and in forms taught in that class every term. A license to practise and a diploma will be given to all who are graduated.

No previous reading of law or any special literary qualification will be required to enter the school. The common law, applicable in all the States, is taught, though not by lectures. The law is in the text books. The Professor can no more make law than the student himself. It is better, therefore, that the student be required to learn a portion of the text and be subjected to an examination in the presence of his class each day. It is the business of the Professor to conduct this examination, and explain difficult passages when necessary.

*The first volume of Greenleaf is a complete work on the law of evidence.

That full justice may be done to the students, two of the Professors of this Law School devote their whole time to the work. Regular lectures on the law are not delivered, as they would only divert the minds of the students from their daily work. Every subject upon which a lecture could be given has been exhausted by the ablest Professors, and printed in books after the most careful revision by the authors. We would regard it as an imposition on students, and as presumptuous on our part, to pretend that we could improve upon Kent, Story, Greenleaf, Parsons and others, who have given to the public, in printed form, and acceptable to all, lectures on every branch of the law. We, therefore, think it better for the student to occupy his time in learning, with our assistance, what others have written, than in learning from anything we could write. If our mode of teaching is more difficult for us, it is much more profitable to the student.

Moot courts constitute an important feature. Every student is required to bring suits in the forms adapted to all our courts. Professors act as judges, and students act by turns as jurors, clerk and sheriff.

There are two sessions. The first term for the years 1879-80 begins first Monday in September and ends January 15th. Second term begins January 19th and ends June 3d, 1880. Books of the Junior Class may be bought in Lebanon for \$35; Senior Class \$45.

EXPENSES REDUCED.

Tuition fee hereafter will be for term of five months,	\$50.00
Contingent fee,.....	5.00
Boarding in families per week,.....	3.50
Boarding in Clubs per month,.....	8.00
Books of Junior Class,	35.00
Books of Senior Class,.....	45.00
Washing and lights per session,.....	8 to 10
Diploma fee (for Seniors),.....	5.00

Students may procure books here or bring them from home. These, however, will last a life time, and are needed in practice always.

Graduates are invited to remain another year free of charge.

NEW BUILDING.

A new and superb building, Caruthers Hall, has recently been completed. It has been named in honor of Judge Robert L. Caruthers, on whose ground and by whose munificence, in great part, the building was erected. Others contributed nobly, but he more than any. In this elegant structure the Law School will hereafter be conducted.

Next term begins September 1, 1879.

THEOLOGICAL SCHOOL.

FACULTY.

NATHAN GREEN, LL.D., Chancellor.

RICHARD BEARD, D.D., Theology.

S. G. BURNEY, D.D., Biblical Literature.

_____, Sacred and Church History.*

R. V. FOSTER, Hebrew, Greek and Biblical Theology.

LECTURES.

A. J. BAIRD, D.D., Pastoral Work.

J. B. LINDSLEY, D.D., Recent Church History.†

J. R. BROWN, D.D., Missions.

COURSE OF STUDY.

Junior Year.

First Term.—Hebrew Grammar, Exercises in Reading and Translating, Old Testament History, Systematic Theology, Biblical Geography and Antiquities, Canonics, Inspiration of the Bible, Historic Origin of the Bible.

Second Term.—Hebrew Grammar and Scriptures, Special Introduction to the Pentateuch and Historical Books, Greek Gospels, Special Introduction to the Gospels, New Testament History, Systematic Theology, Natural Theology, Christian Ethics, Psychology, Apologetics.

Senior Year.

First Term.—Hebrew Grammar, Hebrew Poetry, Messianic Hebrew begun, Special Introduction to the Prophets, Old Testament Theology, The Pauline Epistles, History and Principles of Interpretation, Christian Antiquities and Church History, Practical Theology.

*Taught by Drs. Beard and Burney, until other arrangements are made.
†Owing to the press of other duties, Dr. Lindsley has not delivered his lectures on this part of the course. It is hoped, however, that he will be able to do so during the ensuing year.

Second Term.—Hebrew Grammar, Messianic Hebrew and Special Introduction to the Prophets, continued, Greek Epistles and Special Introduction to the Epistles, continued, New Testament Theology, Church History, History of Christian Doctrine and Creeds.

Dr. Burney will, also, deliver lectures to the classes, on Confession of Faith and Church Polity.

DEPARTMENT OF INSTRUCTION.

The following more explicit statements will convey a clearer idea as to what is actually taught in the Theological School:

I. Exegetical Theology.

Under this head the origin, authorship, language, history, character, exposition and doctrines of the sacred scriptures are studied. It includes (1) General and Special Introduction; under which are placed Sacred Philology, Isagogics, Canonics, Sacred Criticism and Hermeneutics. (2) Practical exercises in Exegesis, founded on the rules and principles established by Hermeneutics. In these exercises the student is required to study the grammatical, logical, rhetorical and historical peculiarities of the passages assigned, and to observe in every case, so far as practicable, the rule that Scripture is the best interpreter of Scripture. (3) Biblical Theology, or the doctrines of the Old and the New Testaments, studied according to their progressive development, and the various forms under which they appear. It includes Messianic Prophecy, or Christ in the Old Testament—both in its narrower and broader senses.

II. Historical Theology.

Under this head are included (1) Biblical Antiquities, or the study of the various customs, manners, social and political institutions, etc., of the ancient Bible nations. This is essential to a thorough and intelligent understanding of many parts of the Scriptures. (2) Christian Antiquities, or the domestic, social and civil life, etc., of the early christians. (3) History of Christian Doctrine.

III. Systematic Theology.

This branch of Theological science, as taught here, occupies itself with the investigation and systematic development of Christian Doctrines, some of which are peculiar to Cumberland Presbyterians, others being confessed by the Christian world as a whole. They are presented, for the most part, didactically and polemically, the historical discussion of them being referred to the department of Historical Theology. The plan pursued is substantially that given in Dr. Beard's published lectures. The logical basis of Systematic Theology is laid by the instruction given in Exegetical Theology; though this must necessarily, to a certain extent, be anticipated, and the two be pursued simultaneously.

IV. Practical Theology.

Or, (1) The ground, origin, extent, aim and nature of the various offices of the Church, especially of the Ministry of the Gospel. (2) The nature, character, material, form and delivery of the sermon. (3) Sacred worship, or the principles regulating the public service of the congregation. (4) The pastor in relation to his flock and to the world. (5) Christian Missions. (6) Apologetics and Christian Ethics.

Ecclesiastical History.

The external history of the Church and certain chapters of Christian Evidences are distinct branches of inquiry, and hence can not be included in the above classification. The first is taught by text-book. On the other, Dr. Beard will deliver one lecture a week to the senior class. Dr. Beard will, also, deliver a course of lectures on certain Representative Men of the Church, both in ancient and modern times. Drs. Baird, Brown and Lindsley will lecture on the topics assigned them, from time to time during the year.

Text Books and References.

The student may furnish himself, here or elsewhere, with Green's Hebrew Grammars, a Hebrew Bible and Lexicon, Greek New Testament, Lexicon, and Winer's Grammar, Kurtz's Sacred History, Rawlinson's Origin of Nations, Beard's Systematic Theology, Gaussen's Origin and Inspiration of the Bible, Barrow's Geography and Antiquities of the Bible. Other books will be needed from time to time. The students will, during the progress of the course, be referred to the literature of the various subjects treated. The Library contains about 7000 volumes, and the student will be expected to consult those bearing upon the topics which he may have in hand. The books which he will have to buy will cost about \$32 a year.

EXPENSES.

Board per term, including everything,.....	\$70.00
Books, per term, about.....	16.00
Contingent fee,.....	5.00
Matriculation fee,.....	5.00
Total,.....	<u>\$96.00</u>

The fare in the club is good, and the management neat and orderly. No student can reasonably object to either. The matriculation fee is not paid by candidates for the ministry, in the academic class. Board in any private family can be had for \$3.50 a week, including meals, room and fuel.

SCHOOL FOR GIRLS.

TEACHERS.

W. J. GRANNIS, Mathematics and Chemistry.

Miss A. A. ANDERSON, Higher English, Geology and French.

H. W. GRANNIS, Latin, Greek and Astronomy.

Miss MANIE RIDDLE, Primary.

Miss MARY A. FONVILLE, Art.

Miss BELLE BRENNAN, Music.

STATEMENT.

At the beginning of the Spring Session of 1877, a school for girls was opened in connection with the Preparatory School. The young ladies who attend this school, while being under the special care of Miss Amanda Anderson, have, in addition, the benefit of the same training in language and mathematics that the young men receive who are preparing for college.

Prof. Hinds gives lectures once a week to the class in Chemistry, at the Laboratory of the University, fully illustrating the subject with experiments, thus giving advantages not enjoyed by the pupils of most female schools. Arrangements have been made for semi-monthly lectures to the school, on various subjects, from members of the University Faculty and others. The facilities for the study of music and art are the very best. Parents who send their sons to the University, will find this an excellent school for their daughters.

COURSE OF STUDY.

Primary—Tuition \$10.00 per term—First year.

Worcester's Speller; Readers Nos. 1 and 2—Wilson; First Lessons Mental Arithmetic—Ray; Hooker's Child's Book.

Primary—Tuition \$12.00 per term—Second year.

Third Reader—Wilson; Mental Arithmetic; Worcester's Speller; Penmanship—Spencerian; Geography; Written Arithmetic.

Freshman Class—Tuition \$15.00 per term.

First Term.—Fifth Reader—McGuffey; Geography—Monteith; Mental Arithmetic; Written Arithmetic; Language Lessons—Swinton; Worcester's Speller.

Second Term.—U. S. History; Written Arithmetic; Grammar—Butler; Penmanship; Geography; Worcester's Speller.

Sophomore Class—Tuition \$20.00 per term.

First Term.—Arithmetic; Algebra; Analysis—Greene; Physiology; Mythology; Morals and Manners; Latin Grammar.

Second Term.—Arithmetic; Algebra; Analysis—Greene; Rhetoric; Carter's General History; Elocution; Latin Reader.

Junior Class—Tuition \$25.00 per term.

First Term.—Arithmetic—Davies's University; Algebra—Olney; English Literature—Shaw; Physical Geography; Elocution; Latin—Cæsar.

Second Term.—Arithmetic—Davies's University; Olney's Algebra; Botany; Moral Science; The English Language; Latin—Virgil.

Senior Class—Tuition \$25.00 per term.

First Term.—Geometry; Astronomy; Grammar—Fowler; Mental Philosophy; Geology; Latin—Horace.

Second Term.—Mensuration and Trigonometry; Grammar—Fowler; Art Criticism; Chemistry; Natural Philosophy; Latin—Cicero.

French taught without extra fee.

EXPENSES—TERM OF TWENTY WEEKS.

Primary, first year,.....	\$10.00
Primary, second year,.....	12.00
Freshman,.....	15.00
Sophomore,	20.00
Jnnior,.....	25.00
Senior,.....	25.00
Music, Instrumental,.....	25.00
Music, Vocal,.....	30.00
Drawing,	15.00
Painting,.....	20.00

When two or more pupils come from the same family, a reduction of ten per cent is made from the above prices.

Next session begins September 1, 1879.

GRADUATES.

Hattie Canfield Grannis, M.A.

Angela Carter Williams, M.A.

Nannie Elizabeth Neal, M.S.

Mary Callie Witt, M.S. (Class of 1878.)

CATALOGUE OF STUDENTS.

Anderson, Kate,	Lebanon, Tenn.	*Anderson, Sallie,	Lebanon, Tenn.
Bennett, Minnie,	Lebanon, Tenn.	Buchanan, Blanche,	Lebanon, Tenn.
Buchanan, Jessie,	Lebanon, Tenn.	Burke, Mattie,	Lebanon, Tenn.
Browne, Genie,	Lebanon, Tenn.	Burney, Corinne,	Lebanon, Tenn.
Buchanan, Kate S.	Lebanon, Tenn.	Douglass, Belle,	Lebanon, Tenn.
Darnall, Mary,	Lebanon, Tenn.	Doss, Lavinia,	Lebanon, Tenn.
Davis, Ammie L.	Lebanon, Tenn.	Durham, Mattie,	Lebanon, Tenn.
Dillon, Lulu,	Plantersv., Tex.	Fakes, Sallie,	Lebanon, Tenn.
Donnell, Lucy E.	Lebanon, Tenn.	Fonville, Hughetta,	Lebanon, Tenn.
Finley, Virgie L.	Lebanon, Tenn.	Golladay, Fannie C.	Lebanon, Tenn.
Finley, Jessie C.	Lebanon, Tenn.	Grisham, Bettie J.	Lebanon, Tenn.
Grannis, Hattie C.	Lebanon, Tenn.	Luckey, Mollie,	Lebanon, Tenn.
Green, Eulalia M.	Lebanon, Tenn.	Lumpkin, Mary,	Lebanon, Tenn.
Luckey, Willie,	Lebanon, Tenn.	Lumpkin, Annie,	Lebanon, Tenn.
Lumpkin, Emma,	Lebanon, Tenn.	McGregor, Leonora,	Lebanon, Tenn.
Mason, Emma,	Lebanon, Tenn.	Motley, Ella,	Lebanon, Tenn.
Morgan, Johnnie H.	Lebanon, Tenn.	Neal, Nannie,	Lebanon, Tenn.
Moore, Annie,	Acworth, Ga.	Peyton, Jessie,	Lebanon, Tenn.
Philpot, Nannie,	Lebanon, Tenn.	Price, Jennie,	Lebanon, Tenn.
Philpot, Alæthia,	Lebanon, Tenn.	Price, Maria,	Lebanon, Tenn.
Philpot, Lula,	Lebanon, Tenn.	Riddle, Ruby,	Lebanon, Tenn.
Thompson, Emmett,	Lebanon, Tenn.	Riddle, Jennie W.	Lebanon, Tenn.
*Waters, Minnie,	Lebanon, Tenn.	Woollard, Sallie,	Lebanon, Tenn.
*Waters, Telete,	Lebanon, Tenn.	Woollard, Alice,	Lebanon, Tenn.
Williams, Angela,	Lebanon, Tenn.	Woollard, Mollie,	Lebanon, Tenn.
Wilkes, Georgia.	Lebanon, Tenn.	Wynne, Mattie,	Tucker's Gap, T.
Young, Josie,	Lebanon, Tenn.		
Total,			53

*In music alone.

AMASAGASSEAN SOCIETY.

"Nos Palma Manet."

This Society was organized in 1837, at Cumberland College, Princeton, Ky. In 1842, it was transferred with the College to Lebanon. Its present charter was obtained in 1848.

The officers of the Society are President, Vice President, Critic and Treasurer. Two orators are elected semi-annually, and a valedictorian elected annually.

SOCIETY CALENDAR FOR 1878-9.

First Session.

President, first term, C. M. Alexander, Kentucky.

President, second term, W. W. Prater, Tennessee.

Second Session.

First term, S. D. Chesnut, Kentucky.

Second term, James Flemming, Texas.

PHILOMATHIAN SOCIETY.

"Nihil sine Labore."

This Society was organized in 1844, for the purpose, as expressed in the constitution, of "cultivating the powers of forensic eloquence and morals" of its members. During the thirty-four years of its existence, its record has been unexcelled, and among its ex-members are numbered many of the most prominent alumni of the University.

SOCIETY CALENDAR FOR 1878-9.

First Session.

President, first term, J. W. Horton, Jr., Tennessee.

President, second term, J. H. Hinton, Kentucky.

Orators, W. L. Trent, Tennessee; T. L. Bosworth, Alabama.

Debaters, T. C. Latimore, Tennessee; J. W. Downer, Kentucky.

Valedictorian, N. A. Porter, Kentucky.

Second Session.

President, first term, W. L. Trent, Tennessee.

President, second term, B. S. Foster, Tennessee.

Orators, J. H. Hinton, Kentucky; H. H. Buchman, Florida; R. W. Henry, Kentucky.

Debaters, J. W. Overall, Tennessee; T. L. Bosworth, Florida; T. C. Latimore, Tennessee; A. C. Randall, Georgia.

Valedictorian, W. L. Trent, Tennessee.

HEURETHELIAN SOCIETY.

"Γνωθι τὸν θεόν. Γνωθι σεαυτόν."

This Society meets every Saturday night, in a commodious, neatly-carpeted, well-furnished hall.

The exercises consist of orations, essays, declamations and debate. Exercise for one night: one oration, time fifteen minutes; one essay, time ten minutes; two declamations, time ten minutes each; debate, participated in by four members, time fifteen minutes to each disputant. After the regular debate, the Society may engage in miscellaneous debate. The members are stimulated to give special attention to parliamentary law and practice.

Many who have gone out from this Society, which is the youngest in the University, are taking prominent positions in life, and thus show the earnest heed they have given to the Society's motto, "Know thy God; Know thyself."

PRESENT OFFICERS.

J. H. Zarecor, Moderator,	B. P. Fullerton, Critic,
G. W. Van Horn, Clerk,	B. T. Watson, Corresponding Secretary.
T. B. Kernodle, Librarian,	W. J. Walker, Treasurer,
W. W. Thomson, Censor Morum,	T. D. Johnson, Reviewer.

CALENDAR OF SESSIONS.

1879-80.

First Session begins September 1, 1879; ends January 15, 1880.

Second Session begins January 19, 1880; ends June 3, 1880.

1880-81.

First Session begins September 6, 1880; ends January 21, 1881.

Second Session begins January 25, 1881; ends June 9, 1881.

